

CLAIMS

1. A laminated resin molding comprising a thermoplastic polymer layer (A), a polyamide-based resin layer (B) and a thermoplastic resin layer (C),
5 wherein said thermoplastic polymer layer (A), said polyamide-based resin layer (B) and said thermoplastic resin layer (C) are laminated in that order and firmly adhered to one another,
10 said thermoplastic polymer is to adhere to the polyamide-based resin by thermal fusion bonding,
said polyamide-based resin has an amine value of 10 to 60 (equivalents/ 10^6 g),
said thermoplastic resin contains a functional group and is
15 to thereby firmly adhere to said polyamide-based resin by thermal fusion bonding,
said functional group contains carbonyl group.
2. The laminated resin molding according to Claim 1,
20 wherein the thermoplastic polymer is a thermoplastic elastomer.
3. The laminated resin molding according to Claim 1 or 2,
wherein the thermoplastic resin comprises a fluorine-
25 containing ethylenic polymer.
4. The laminated resin molding according to Claim 2 or 3,
wherein the thermoplastic elastomer comprises at least one species selected from the group consisting of a
30 styrene/butadiene-based elastomer, a polyolefin-based elastomer, a polyester-based elastomer, a polyurethane-based elastomer, a poly(vinyl chloride)-based elastomer and a polyamide-based elastomer.
- 35 5. The laminated resin molding according to Claim 2 or 3,

wherein the thermoplastic elastomer is a polyurethane-based elastomer.

6. The laminated resin molding according to Claim 1, 2,
5 3, 4 or 5,
wherein the polyamide-based resin has an acid value of not higher than 80 (equivalents/ 10^6 g).

7. The laminated resin molding according to Claim 1, 2,
10 3, 4, 5 or 6 which has a modulus of elasticity in tension of lower than 400 MPa.

8. The laminated resin molding according to Claim 1, 2,
3, 4, 5, 6 or 7,
15 wherein the polyamide-based resin layer (B) has a thickness not exceeding one fifth of the thickness of the thermoplastic polymer layer (A).

9. The laminated resin molding according to Claim 1, 2,
20 3, 4, 5, 6, 7 or 8 which shows a total luminous transmittance of not lower than 75%.

10. A method for producing the laminated resin molding according to Claim 1, 2, 3, 4, 5, 6, 7, 8 or 9,
25 which comprises laminating by the simultaneous multilayer coextrusion technique using a coextruding machine comprising a die and a plurality of extruders each for feeding a resin to said die,
said die temperature being not higher than 250°C.

30

11. A multilayer molded article comprising the laminated resin molding according to Claim 1, 2, 3, 4, 5, 6, 7, 8 or 9.

35 12. The multilayer molded article according to Claim 11

which is a hose or a tube.

13. The multilayer molded article according to Claim 11 which is a liquid chemical-transport tube or a liquid
5 chemical-transport hose each having the thermoplastic polymer layer (A) as an outer layer, the thermoplastic resin layer (C) as an inner layer and the polyamide-based resin layer (B) as an intermediate layer.

10 14. The multilayer molded article according to Claim 11 which is a tube for feeding a coating or a hose for feeding a coating each having the thermoplastic polymer layer (A) as an outer layer, the thermoplastic resin layer (C) as an inner layer and the polyamide-based resin layer (B) as an
15 intermediate layer.

15. The multilayer molded article according to Claim 11 which is a tube for a drink or a hose for a drink each having the thermoplastic polymer layer (A) as an outer
20 layer, the thermoplastic resin layer (C) as an inner layer and the polyamide-based resin layer (B) as an intermediate layer.